

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claims 21-34, which were previously withdrawn, without prejudice to or disclaimer of the subject matter therein. Currently amended claims are shown with additions underlined and deletions in ~~striketrough text~~. No new matter is added by this amendment.

Listing of Claims:

Claims 1-8 (Canceled).

9. (Currently amended) A system, comprising:

a mount configured to be coupled to an appendage;

a position sensor including a position sensing element coupled to the mount, the position sensor configured to send a signal associated with a spatial position of the position sensing element with respect to a predetermined reference point; and

03 a data processor configured to generate an output signal associated with the spatial position of the position sensing element based on the signal, said data processor configured to determine a spatial position of the mount, the spatial position of the mount being associated with a distance and a direction from the predetermined reference point.

10. (Previously presented) The system of claim 9, wherein the mount includes a ring.

11. (Previously presented) The system of claim 10, wherein the ring includes an elastic band.

12. (Previously presented) The system of claim 9, wherein the mount includes a clip having flexible and separable portions.

13. (Previously presented) The system of claim 9, wherein the mount includes a thimble.

14. (Previously presented) The system of claim 13, wherein the thimble includes elastic material.

15. (Previously presented) The system of claim 9, wherein the mount includes an artificial fingernail having a support configured to be adhesively attached to a fingernail on the appendage.

16. (Previously presented) The system of claim 9, wherein the position sensing element includes at least one of an electromagnetic energy transmitter and an electromagnetic energy receiver.

03 17. (Previously presented) The system of claim 9, the position sensing element being a first position sensing element, the system further comprising a second position sensing element configured to be positioned apart from the first position sensing element.

18. (Previously presented) The system of claim 9, the position sensing element being a first position sensing element configured to be positioned on a distal link of the appendage, the system further comprising a second position sensing element configured to be positioned on a proximal link of the appendage and separated from the distal link by an intermediate link.

19. (Previously presented) The system of claim 18, wherein the data processor is configured to calculate the spatial position of the intermediate link based on the first position sensing element and the second position sensing element.

20. (Previously presented) The system of claim 9, further comprising a support structure configured to apply a force reflection.

Claims 21-34 (Canceled).

35. (Currently amended) A method, comprising:

generating a signal associated with a spatial position of a position sensing element with respect to a predetermined reference point, the position sensing element being coupled to a position sensor, the position sensor being coupled to a mount configured to be worn on an appendage;

transmitting the signal to a data processor;

generating an output signal associated with the spatial position of the position sensing element based on the transmitted signal; and

calculating a spatial position of the mount based on the output signal, the spatial position of the mount being associated with a distance and a direction from the predetermined reference point.

23

36. (Currently amended) Processor executable code stored on a processor-readable medium, the code comprising:

code to generate a signal associated with a spatial position of a position sensing element with respect to a predetermined reference point, the position sensing element being coupled to a position sensor, the position sensor being coupled to a mount configured to be worn on an appendage;

code to transmit the signal to a data processor;

code to generate an output signal associated with the spatial position of the position sensing element based on the transmitted signal; and

code to calculate a spatial position of the mount based on the output signal, the spatial position of the mount being associated with a distance and direction from the predetermined reference point.
